

Inhibition of COX-2 and COX-1 by Extract of *Trichilia hirta*

The graph displays the percentage of maximum enzyme activity for COX-1 and COX-2 as a function of the concentration of *Trichilia hirta* extract. The x-axis represents the concentration in $\mu\text{g Extract / ml}$ on a logarithmic scale from 0.1 to 100. The y-axis represents the **% Max. Enzyme Activity** from 0% to 120%. COX-1 is represented by a dashed line with diamond markers, and COX-2 is represented by a solid line with square markers. A vertical line is drawn at 50% enzyme activity to indicate the IC₅₀ values.

ug Extract / ml	COX-1 (% Max. Enzyme Activity)	COX-2 (% Max. Enzyme Activity)
0.1	~100	~80
0.2	~105	~85
0.5	~110	~90
1.0	~115	~95
2.0	~120	~100
5.0	~125	~105
10.0	~130	~110
20.0	~135	~115
50.0	~140	~120
100.0	~145	~125

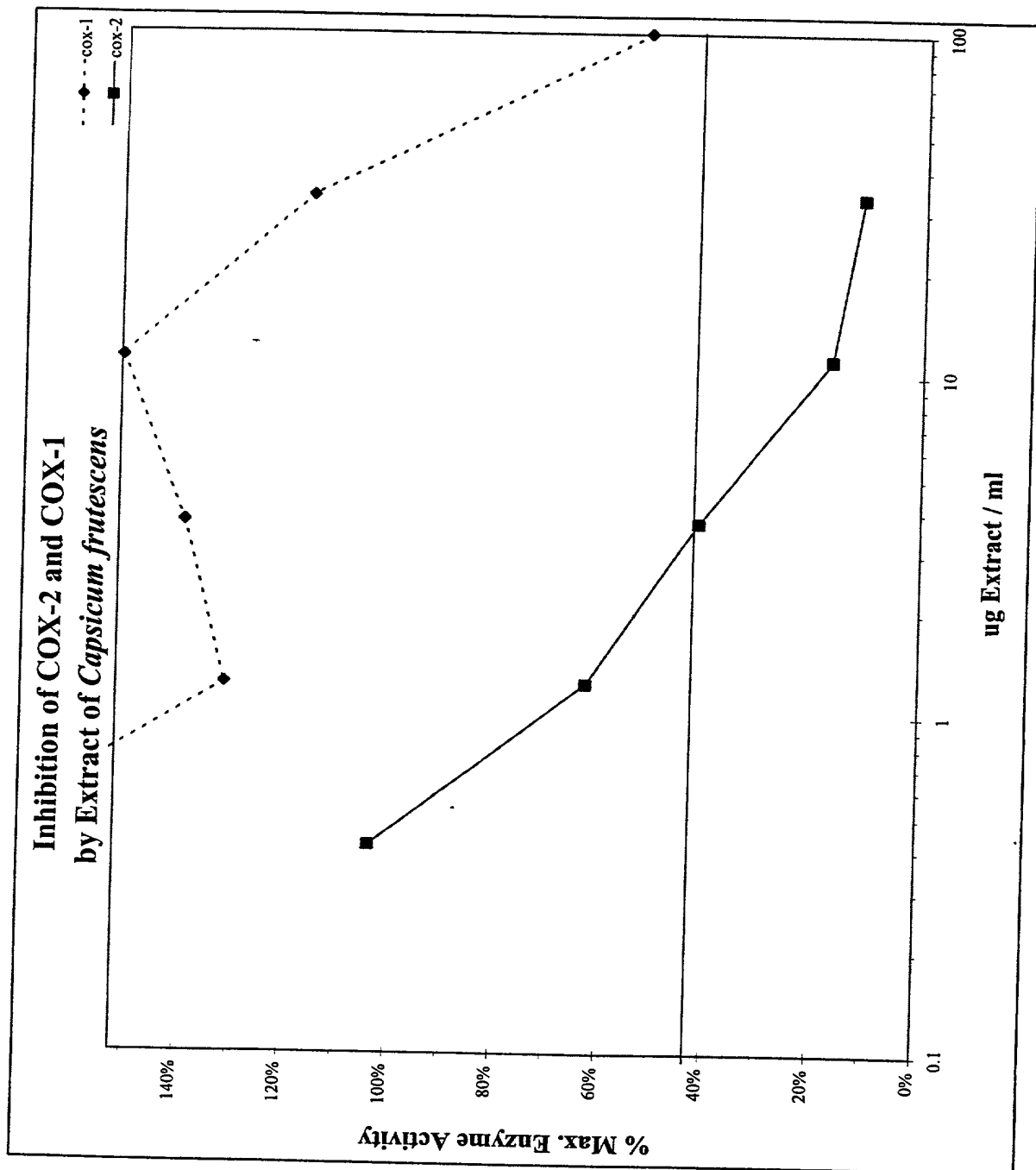


FIGURE 2

Inhibition of COX-2 and COX-1 by Extract of *Tradescantia virginiana*

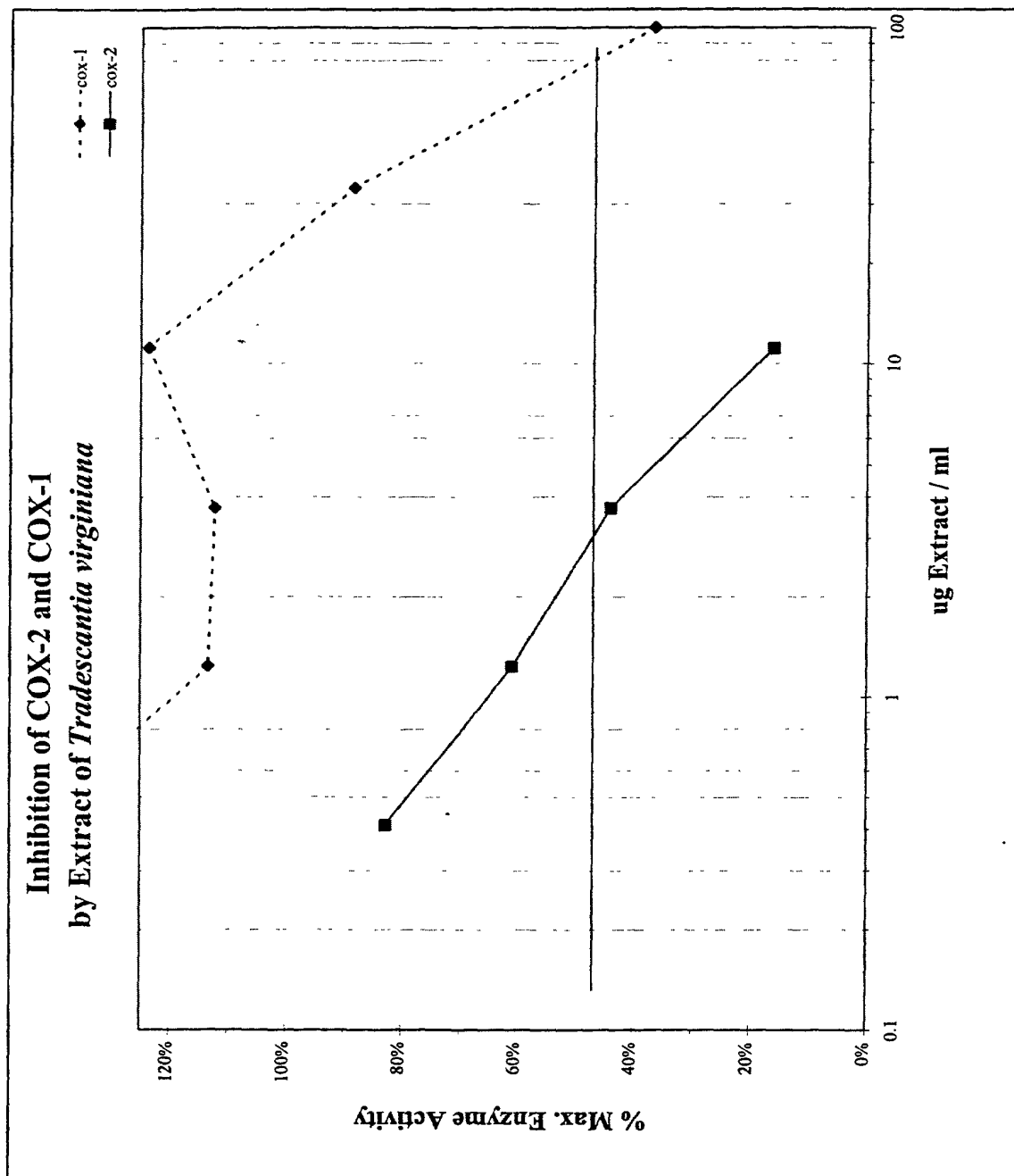


FIGURE 3

Inhibition of COX-2 and COX-1 by Extract of *Tephrosia purpurea*

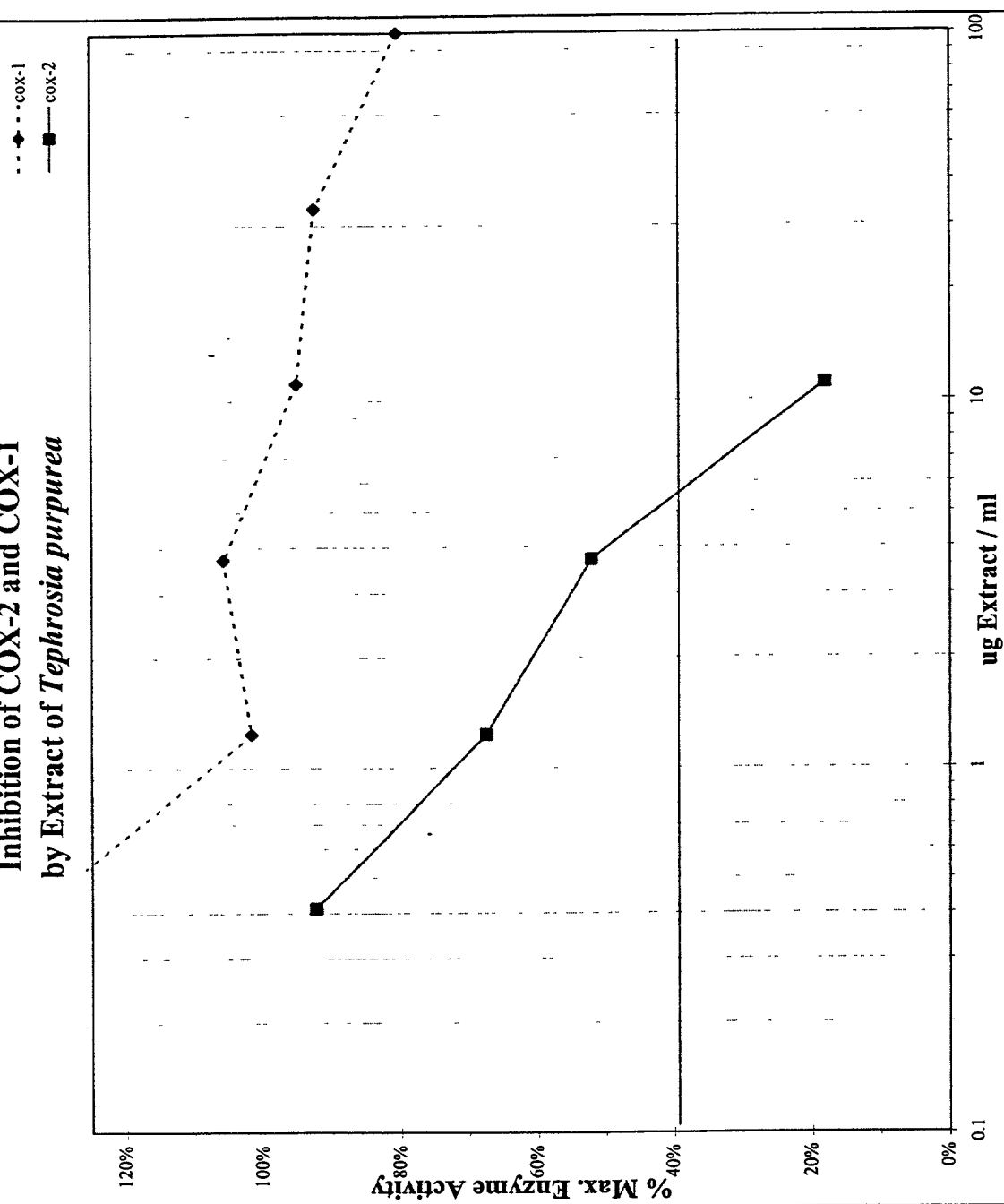


FIGURE 4

Inhibition of COX-2 and COX-1 by Extract of *Dracontomelon manganiferum*

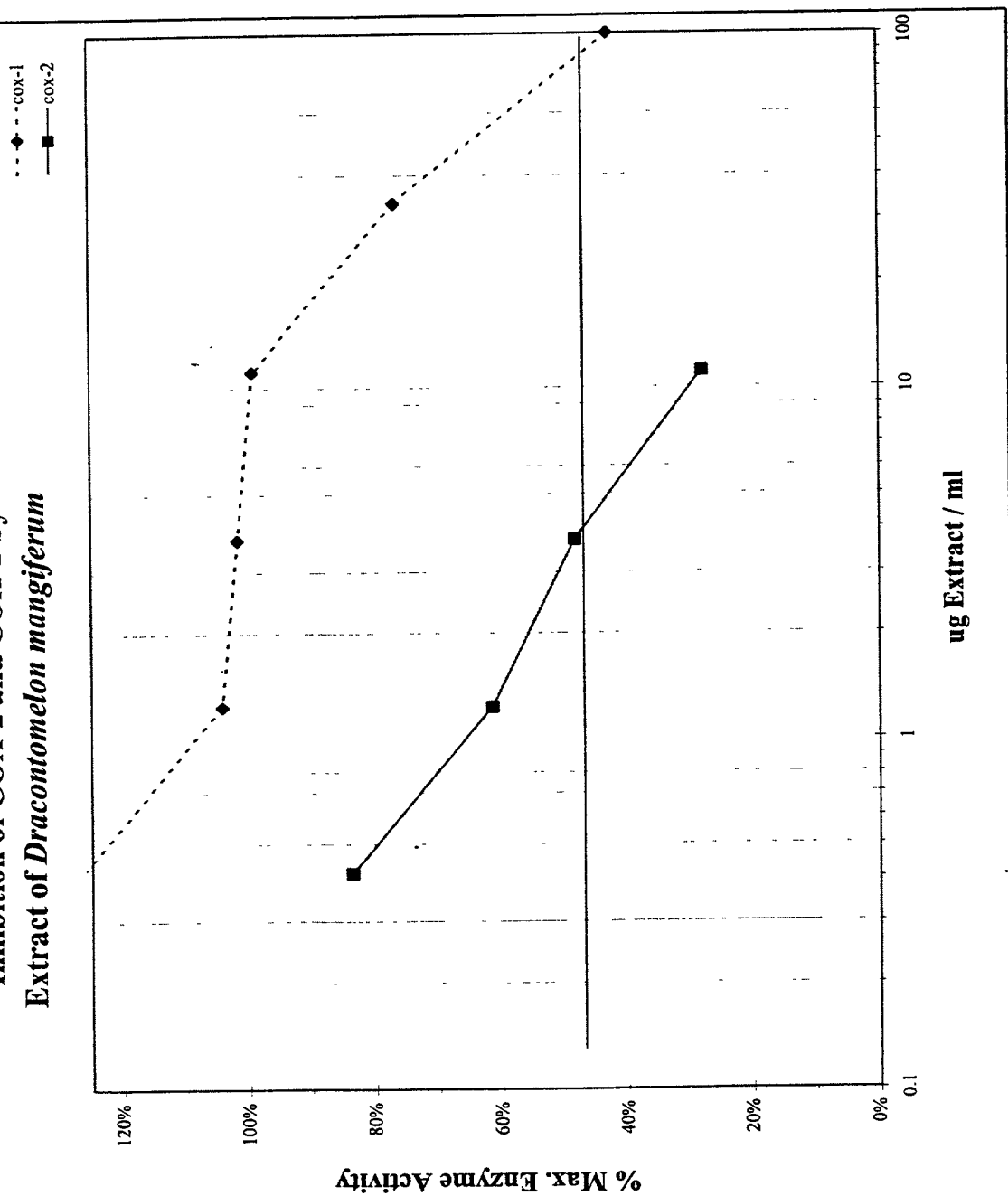


FIGURE 5

Inhibition of COX-2 and COX-1 by Extract of *Erythrina rubrinervia*

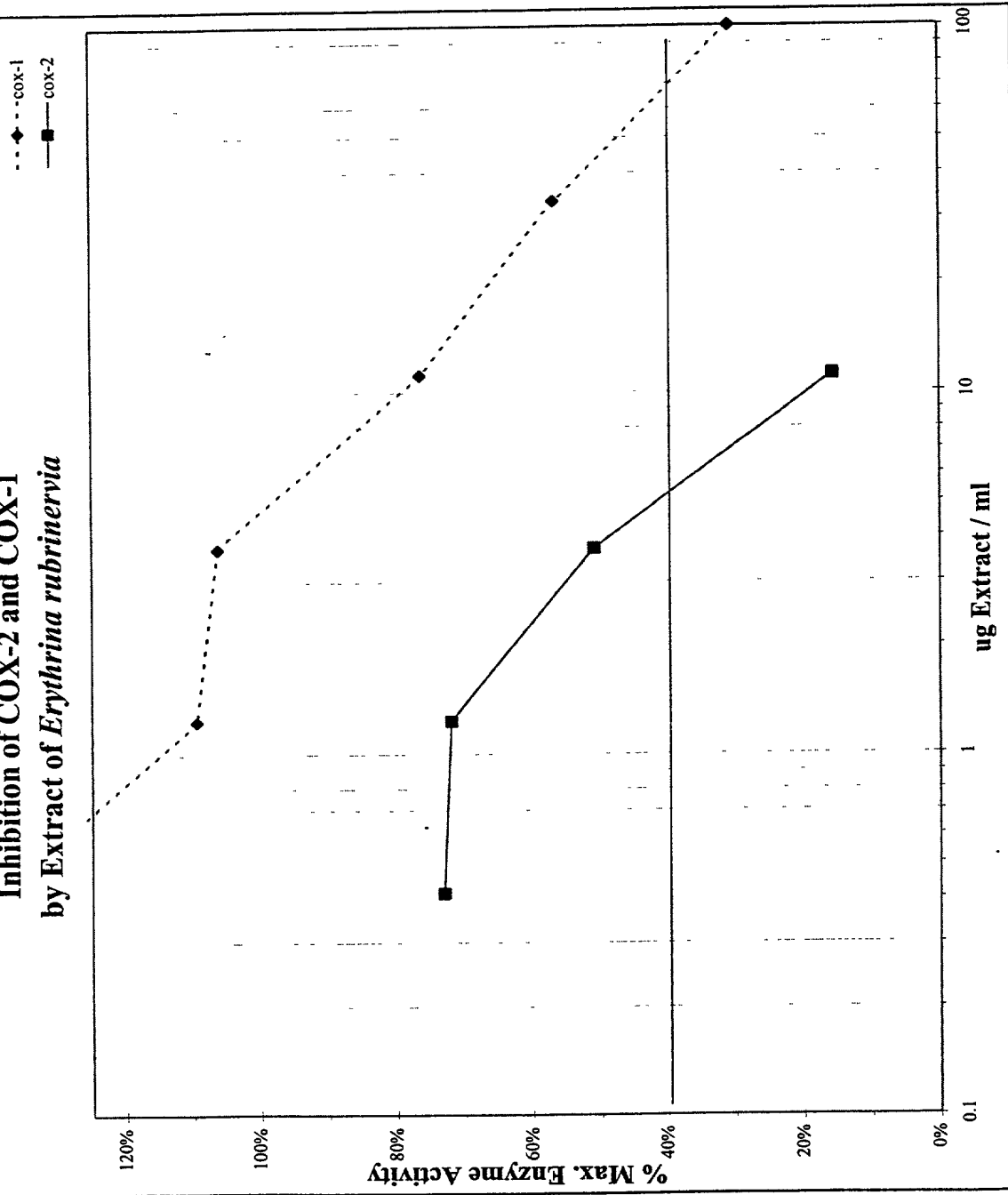


FIGURE 6

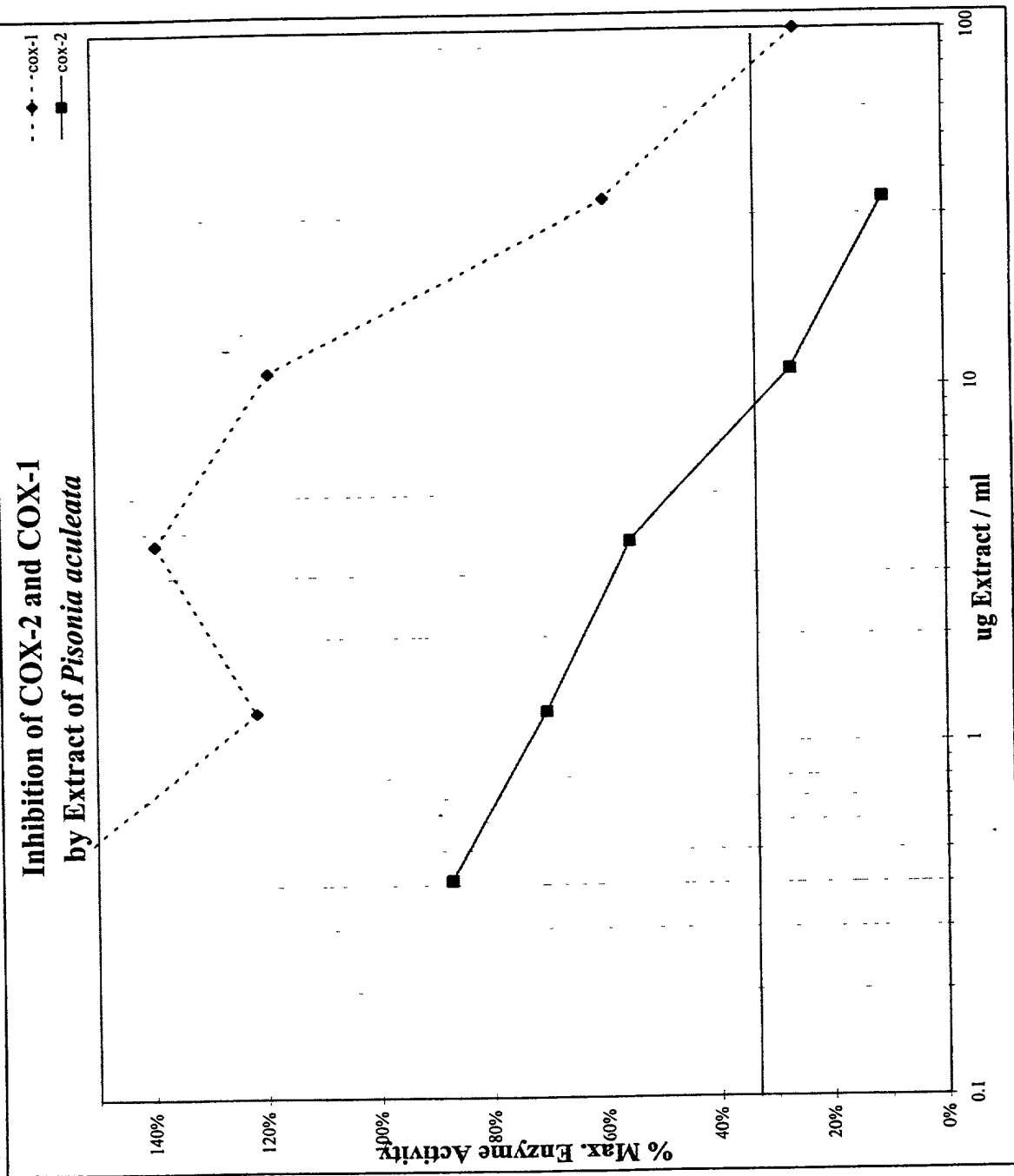


FIGURE 7